

<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; margin-right: 10px; text-align: center;"> O I P E  JUN 18 2004  PATENT &amp; TRADEMARK OFFICE </div> <div> <b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i> </div> </div>				Docket Number (Optional) <b>4727-103 US</b>		Application Number <b>10/790,280</b>		
				Applicant(s) <b>ADAMOVICS, John A.</b>				
				Filing Date <b>March 1, 2004</b>		Group Art Unit <b>TBD</b>		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MT		2,936,276	05/10/1960	CHALKLEY	204	158		
		3,370,981	02/27/1968	NEY, et al.	117	230		
		3,609,093	09/28/1971	HARRAH	252	300		
		3,710,109	01/09/1973	CHALKLEY	250	83		
		3,743,846	07/03/1973	MATSUMOTO et al.	250	474		
		3,903,423	09/02/1975	ZWEIG	250	474		
		4,143,274	03/06/1979	APFEL	250	473.1		
		4,288,861	09/08/1981	SWAINSON, et al.	250	473.1		
		4,350,607	09/21/1982	APFEL	252	408.1		
		4,394,737	07/19/1983	KOMAKI, et al.	378	23		
MT		4,575,330	03/11/1986	HULL et al.	425	174.4		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
MT		GB 2 182 941 A	05/28/1987	United Kingdom				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
MT		Kantz et al., "Quality Assurance for Radiation Processing", Radiat. Phys. Chem., Vol. 14, pp. 575-584, Pergamon Press Ltd. 1979.						
MT		McLaughlin et al., "The Gamma-Ray Response of Radiochromic Dye Films at Different Absorbed Dose Rates", Radiat. Phys. Chem., Vol. 18, No. 5-6, pp. 987-999, 1981.						
EXAMINER <i>Montano</i>				DATE CONSIDERED <i>7/6/05</i>				
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MT		4,779,000	10/18/1988	ING	250	390.03	
		4,829,187	05/09/1989	TOMITA et al.	250	474.1	
		4,929,402	05/29/1990	HULL	264	401	
		4,996,010	02/26/1991	MODREK	264	401	
		4,999,143	03/12/1991	HULL et al.	264	401	
		5,015,424	05/14/1991	SMALLEY	264	401	
		5,058,988	10/22/1991	SPENCE	356	121	
		5,059,021	10/22/1991	SPENCE et al.	356	121	
		5,059,359	10/22/1991	HULL et al.	264	401	
✓		5,076,974	12/31/1991	MODREK et al.	264	401	
MT		5,096,530	03/17/1992	COHEN	156	226	

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MT		Ueno, K., "Development of a Plastic Dosimeter for Industrial Use With High Doses", Appl. Radiat. Isot. Vol.31, Nos. 4-6, pp. 467-472, 1988, Int. J. Radiat. Appl. Instrum. Part C.
MT		Olsson et al., "A New Dosimeter Based on Ferrous Sulphate Solution and Agarose Gel", Appl. Radiat. Isot. Vol. 42, No. 11, pp. 1081-1086, 1991, Int. J. Radiat. Appl. Instrum. Part A.

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MT		5,104,592	04/14/1992	HULL et al.	264	401	
		5,117,116	05/26/1992	BANNARD et al.	250	474.1	
		5,123,734	06/23/1992	SPENCE et al.	356	121	
		5,130,365	07/14/1992	KOLSHI et al.	524	520	
		5,319,210	06/07/1994	MOSCOVITCH	250	474.1	
		5,321,357	06/14/1994	MARYANSKI et al.	324	300	
		5,430,308	07/04/1995	FEICHTNER et al.	250	580	
		5,498,876	03/12/1996	MOSCOVITCH	250	474.1	
		5,633,584	05/27/1997	MARYANSKI et al.	324	300	
		5,661,310	08/26/1997	JONES	250	584	
MT		6,218,673	04/17/01	GORE et al.	250	474.1	

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MT		Muthyala, R., "Chemistry and Applications of Leuco Dyes", Topics in Applied Chemistry, Plenum Press, New York, 1997, no page numbers.
MT		Hart, E et al., "Chemical Dosimetry, Chapter 12, pp. 167-239, Radiation Dosimetry, Academic Press, 1966.

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*[Signature]*

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MT		6,621,086	09/16/2003	APPLEBY	250	492.1	

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<div style="text-align: center;">   mt </div>	MacDougall, N. D et al., "A Systematic Review of the Precision and Accuracy of Dose Measurements in Photon Radiotherapy Using Polymer and Fricke MRI Gel Dosimetry", Phys. Med. Biol. 47 (2002), pp. R107-R121.

  

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Chu, K. C et al., "Polyvinyl Alcohol-Fricke Hydrogel and Cryogel: Two New Gel Dosimetry Systems with Low Fe3+ Diffusion", Phys. Med. Biol. 45 (2000) pp. 955-969.

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